**EAST Search History**

**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S1 | 1138185 | multiple emulsion | USPAT | OR | OFF | 2009/07/09 21:40 |
| S2 | 2921 | multiple emulsion | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/09 21:40 |
| S3 | 737 | (multiple emulsion)and oil adj3 water adj3 oil | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/09 21:40 |
| S4 | 737 | (multiple emulsion)and (oil adj3 water adj3 oil) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/09 21:40 |
| S5 | 110 | (multiple emulsion)and (oil adj3 water adj3 oil) and polysaccharide | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/09 21:41 |
| S6 | 4 | (multiple emulsion)and (oil adj3 water adj3 oil) same polysaccharide | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/09 21:41 |
| S7 | 5 | nonionic polyorganosiloxane | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/09 23:05 |
| S8 | 0 | nonionic polyorganosiloxane same (silicon oil or dimethicone) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/09 23:05 |

| S9 | 0 | nonionic polyorganosiloxane same (silicon oil) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/09 23:06 |
|---|---|---|---|---|---|---|
| S10 | 0 | nonionic polyorganosiloxane and Dimethicione | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/09 23:07 |
| S11 | 0 | nonionic adj3 Dimethicione | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/09 23:07 |
| S12 | 0 | nonionic same Dimethicione | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/09 23:07 |
| S13 | 0 | ionic same Dimethicione | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/09 23:07 |
| S14 | 5 | Dimethicione | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/09 23:07 |
| S15 | 1 | nonionic adj3 silicon oil | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/09 23:08 |
| S16 | 99 | nonionic same silicon oil | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/09 23:08 |
| S17 | 90 | polydimethylsiloxane adj3 nonionic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/09 23:12 |

| S18 | 3 | (polydimethylsiloxane adj3 nonionic)NOT surfactant | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/09 23:25 |
|---|---|---|---|---|---|---|
| S19 | 13 | depolymerized adj3 galactomannans | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/10 00:13 |
| S20 | 3 | depolymerized adj3 galactomannans same guar gum | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/10 00:13 |
| S21 | 862 | galactomannans same guar gum | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/10 00:15 |
| S22 | 392 | galactomannans adj3 guar gum | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/10 00:15 |
| S23 | 10 | galactomannans adj3 guar gum same depolymerized | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/10 00:16 |
| S24 | 0 | nonioinic hydrophilic amphiphilic polymer | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/10 01:04 |
| S25 | 1 | nonionic hydrophilic amphiphilic polymer | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/10 01:04 |
| S26 | 29 | hydrophilic amphiphilic polymer | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/10 01:04 |

| S27 | 6 | dimethylsiloxane adj3 nonionic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/10 01:14 |
|-----|---|--------------------------------|-----------------------------------------------------------|-----|-----|------------------|
| S28 | 0 | dimethylsiloxane adj3 amphiphilic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/10 01:16 |
| S29 | 73 | dimethylsiloxane same amphiphilic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/10 01:17 |
| S30 | 1446 | amphiphilic polymer | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/10 01:22 |
| S31 | 169 | amphiphilic polymer same nonionic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/10 01:22 |
| S32 | 132 | amphiphilic same polydimethylsiloxane | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/10 01:27 |
| S33 | 23 | amphiphilic adj10 polydimethylsiloxane | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/10 01:27 |
| S34 | 4 | amphiphilic adj10 xanthan | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/10 01:37 |
| S35 | 0 | amphiphilic adj10 xanthan adj3 nonionic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/10 01:38 |

| S36 | 32 | xanthan adj3 nonionic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/10 01:38 |
| S37 | 0 | xanthan is nonionic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/10 01:39 |
| S38 | 1 | multiple adj3 inverse adj3 emulsion | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 14:09 |
| S39 | 1 | multiple adj3 inverse adj3 emulsion | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 14:09 |
| S40 | 0 | inverse adj3 emulsion same detergant | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 14:12 |
| S41 | 0 | (inverse adj3 emulsion) same detergant | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 14:13 |
| S42 | 0 | (inverse adj3 emulsion) and detergant | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 14:13 |
| S43 | 221 | (inverse adj3 emulsion) and detergent | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 14:13 |
| S44 | 21 | (inverse adj3 emulsion) same detergent | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 14:13 |

| S45 | 0 | multiple adj3 (inverse adj3 emulsion) same detergent | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 14:13 |
|-----|---|---|---|---|---|---|
| S46 | 18 | (inverse adj3 emulsion) same detergent and solid | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 14:29 |
| S47 | 1 | (inverse adj3 emulsion) same detergent same solid | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 14:29 |
| S48 | 18 | (inverse adj3 emulsion) same detergent and solid | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 14:30 |
| S49 | 16 | (inverse emulsion) same detergent and solid | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 14:37 |
| S50 | 12 | (inverse emulsion) and detergent same solid | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 14:37 |
| S51 | 4 | "2007020271" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 14:46 |
| S52 | 2 | "20070020271" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 14:47 |
| S53 | 2 | "20070202071" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 14:48 |

| S54 | 4 | "6235298" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 14:50 |
| S55 | 575 | detergent same oil phase | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 15:05 |
| S56 | 575 | detergent same (oil phase) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 15:06 |
| S57 | 2 | (inverse emulsion) same detergent same (oil phase) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 15:06 |
| S58 | 0 | (inverse emulsion) same (oil phase) adje sulfate | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 15:07 |
| S59 | 0 | (inverse emulsion) same (oil phase) adj3 sulfate | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 15:07 |
| S60 | 2 | (inverse emulsion) same (oil phase) same sulfate | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 15:07 |
| S61 | 0 | (inverse emulsion) same (oil phase) same SDS | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 15:07 |
| S62 | 6 | (inverse emulsion) same (oil phase) and SDS | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 15:07 |

| S63 | 15 | (inverse emulsion) same detergent adj3 surfactant | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 15:09 |
|-----|-----|-----|-----|-----|-----|-----|
| S64 | 19 | (inverse emulsion) and (detergent adj3 surfactant) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 15:10 |
| S65 | 2 | "20020065328" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 15:12 |
| S66 | 9 | (SDS or lauryl sulfate) same outer phase | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 15:13 |
| S67 | 4 | (SDS or lauryl sulfate) same outer phase and surfactant | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 15:13 |
| S68 | 1 | (SDS or lauryl sulfate) adj3 nonaqueous | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 15:15 |
| S69 | 625 | (SDS or lauryl sulfate) same nonaqueous | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 15:15 |
| S70 | 35 | (SDS or lauryl sulfate) same nonaqueous same emulsion | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 15:15 |
| S71 | 7 | (SDS or lauryl sulfate) adj3 non adj3 aqueous | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 15:18 |

| S72 | 6 | (SDS or lauryl sulfate) adj3 non adj3 aqueous and emulsion | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 15:18 |
|-----|---|------------------------------------------------------------|-----------------------------------------------------------|-----|-----|------------------|
| S73 | 40 | (detergent) adj3 non adj3 aqueous and emulsion | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 15:40 |
| S74 | 0 | (detergent) adj3 non adj3 aqueous and multiple emulsion | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 15:41 |
| S75 | 1 | (detergent)same outer same multiple emulsion | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 15:41 |
| S76 | 0 | (detergent)same out same multiple emulsion | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 15:41 |
| S77 | 16 | (detergent) same multiple emulsion | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 15:42 |
| S78 | 597 | detergent adj3 outer | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 15:52 |
| S79 | 0 | (detergent adj3 outer) same multiple emulsion and fiber | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 15:52 |
| S80 | 0 | (detergent adj3 outer) and multiple emulsion and fiber | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 15:52 |

| S81 | 0 | (detergent same outer) and multiple emulsion and fiber | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 15:52 |
| S82 | 4 | (detergent and outer) and multiple emulsion and fiber | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2009/07/14 15:52 |

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